Minutes of the Internal Quality Assurance Cell (IQAC) meeting on 04th October 2023

The meeting of the Internal Quality Assurance Cell (IQAC) was held on **04th October 2023** at 11.30 am in the Convention Hall of the institute. The meeting was chaired by **Dr. R. K. Pandit**, Director of the Institute. Following have attended the Internal Quality Assurance Cell (IQAC) meeting:

Chairperson - Dr. R.K. Pandit, Director

External Experts-

1. Dr.(Prof.) I.K. Bhat, Vice Chancellor, Manav Rachna University, Faridabad*
2. Dr. Dharminder Kumar, Former Professor, Guru Jambheshwar University, Hisar (Haryana)*

Representatives of the Management-

1. Shri Prashant Mehta, IAS, Member, BOG
2. Er. Ramesh Agrawal, Secretary, SECS & Member, BOG

Teachers-

1. Dr. Manjaree Pandit, Professor Electrical Engineering & Dean Academics
2. Dr. Rajeev Kansal, Professor, Civil Engineering Department & Dean Student Welfare
3. Dr. Manish Dixit, Professor & Head, Computer Science and Engineering
4. Prof. Prabhakar Sharma, Assistant Professor, MAC & Dy. Registrar
5. Dr. Sunita Sharma, Associate Professor, Applies Science & Dy. Exam Controller
6. Dr. Rajni Ranjan Singh Makwana, Assistant Professor & Coordinator, Centre for AI
7. Prof. Praveen Bansal, Assistant Professor & Coordinator, Electrical Engineering - IoT
8. Prof. Vishal Chaudhary, Assistant Professor, Electrical Engineering

Administrative Officers-

1. Er. Vikram Rajput, Training & Placement Officer
2. Shri D. Gorakhpuri, Finance cum Account Officer
3. Shri Atul Chauhan, Programmer

Nominees from Local Society and Alumni -

1. Er. Suresh Kalra, Managing Director, Agro Solvant Pvt. Ltd.*
2. Dr. Nameesh Miglani, General Secretary, Sunrise Technical Education Promotional Society*

Nominees from Employer/ Industrialist/Stakeholders –

1. Mr. Mohit Kumar Gupta, Vice President, Eicher Motors (VE Commercial Vehicles) *

Student Representative-

1. Mr. Akash Gaur
2. Ms. Vanshika Gurjar

**Attended through online mode*

Item. 1: To confirm the minutes of the IQAC meeting on 30th June, 2023

- *The report on status of Ph.D. Guidance by faculty at other Universities was reviewed.*
- *The process for attendance monitoring of Students and taking Timely action (Jan-April 2023) was discussed.*
- *The report on the credits transferred through MOOCs till December 2022 was shown.*
- *The report on the activities of the Girls Grievances Cell (July 2022 to June 2023) was presented and reviewed.*

- *The report on recruitment of regular faculty for quality enhancement during the last 3 years was tabled.*
- *The summary of appreciation letters to faculty members based on feedback on teaching-learning (July to December 2022) was presented.*
- *The registration in Novel Engaging Courses (NEC: Jan-June-2023) was reviewed.*
- *The report on NEC conduction and modules offered by faculty from the various departments was presented by the Dean Student Welfare.*
- *The report on elective courses offed so far on MOOC platform NPTEL & in regular mode*
- *The preparation of the standard operating procedures (SoPs) of the NPTEL Local Chapter, MITS, Gwalior, Examination Conduction etc. and their availability on website was reported*
- *The present a summary of the Summer Internship Programme (SIP-I) modules prepared and conducted during last five years*
- *The Start-up Cell Report for the period 01 January 2023 to 26 March 2023 was reviewed.*
- *The minutes of meeting of the meeting of Dean Academics with HoDs on 26.04.2023 was presented.*
- *The action taken for low responses in First Year II Semester First Feedback conducted on 13-14th May 2023 was reported.*
- *The report on NSS and other extension activities was presented.*
- *The continuous evaluation mechanism through rubrics in Lab Courses was discussed and department-wise reports were presented.*
- *The specific queries by the experts of the NAAC peer team during their visit (23rd and 24th June, 2023) were put before the members of the IQAC.*
- *The Activity Report of the student clubs for the year 2022-2023 was presented.*
- *The draft report of Departmental Administrative Efficiency Index (AEI) was presented.*
- *The members were briefed about the collaborative research publications of the faculty.*
- *Glimpses of media coverage of institutional events and activities was presented.*

The minutes of meeting on 30th June 2023 were approved by the IQAC.

The minutes are available at
https://docs.google.com/document/d/1Tdowm08Kj_idkM-mhMv8VVvuLEClNVO4/edit?usp=sharing&ouid=104620522594504000136&rtpof=true&sd=true

Item. 2: To introduce and welcome the new members of the IQAC constituted for a period of two-years

— After the two-year term of the previous IQAC was over, the new IQAC was constituted for a period of two years, vide order no.190 dated 10th August 2023.
— The IQAC welcomed all the 12 new members.
— The order for IQAC constitution is available at:
https://drive.google.com/drive/u/2/folders/1cfGP0MXzCiKHHmm2sDpDdPj7gsJbpxZL

The Director welcomed all the new members and apprised them about the duties and responsibilities of the IQAC. The importance of timely conduction of activities involving the all 7 criterion (which

reflect the overall development and quality enhancement) and their proper documentation was also mentioned as crucial for the NAAC accreditation process.

Item. 3: To present the NAAC report of the 2nd Cycle of accreditation

- NAAC peer team consisting of 03 experts visited the institute on 23-24th June 2023.
- The results were declared by the NAAC on 2nd August 2023.
- The institute got A++ rank, the highest as the score was greater than 3.5 out of 4.
- There were total **107 key indicators** distributed in **7 criteria**.
- ***In criterion 1 there were 11 key indicators, in criterion two 18, in the third criterion 23, in the fourth 14, in the fifth13, in the sixth 15 and in the seventh criterion there were 13 key indicators.***
- ***Each indicator had a different weight.***
- **The indicator-wise report is available at:**

https://docs.google.com/document/d/13v9hi6sKYGXm-jjXvnmkvY-M6svvbQlc/edit

The criteria-wise grading out of 5

No	Criteria	Weightage (W_i)	Criterion-wise weighted Grade Point ($CrWGP_i$)	Criterion-wise Grade Point Averages ($CrWGP_i / W_i$)
1	Curricular Aspects	150	580	3.87
2	Teaching-learning and Evaluation	300	973	3.24
3	Research, Innovations and Extension	142	522	3.68
4	Infrastructure and Learning Resources	100	357	3.57
5	Student Support and Progression	90	344	3.82
6	Governance, Leadership and Management	90	316	3.51
7	Institutional Values and Best Practices	100	337	3.37
	Total	$\sum_{i=1}^{7}(W_i) = 972$	$\sum_{i=1}^{7}(CrWGP_i) = 3429$	**3.53**

The areas of weakness in qualitative & quantitative metrics are given below.

Metric No.		Weightage	Score
2.2.2 QnM	*Student - Full time teacher ratio (Data for the latest completed academic year)*	15	2
2.3.3 QnM	*Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)*	10	2
2.4.2 QnM	*Average percentage of full-time teachers with Ph.D. / D.M. / M.Ch. / D.N.B Super speciality / D.Sc. / D.Litt. during the last five years*	20	2
2.4.3 QnM	*Average teaching experience of full-time teachers in the same institution (Data for the latest completed academic year in number of years)* **2.4.3.1:** Total experience of full-time teachers	15	2
3.4.3 QnM	*Number of research papers per teacher in the Journals notified on UGC website during last five years*	5	2
3.4.4 QnM	*Number of books and chapters in edited volumes / books published per teacher during the last five years*	5	1
4.2.1 QlM	*Library is automated using Integrated Library Management System (ILMS)*	5	2

Indicators which were opted out by the institute

Metric		Weightage	Score
3.2.3 QnM	*Percentage of teachers recognised as research guides* 3.2.3.1: Number of teachers recognised as research guides	3	Opted out
3.4.2 QnM	*Number of Ph.D's registered per teacher (as per the data given w.r.t recognized Ph.D guides/ supervisors provided at 3.2.3 metric) during the last five years* *3.4.2.1: How many Ph.Ds are registered within last 5 years* *3.4.2.2 : Number of teachers recognized as guides during the last five years*	5	Opted out
5.2.2 QnM	*Percentage of student progression to higher education (previous graduating batch)* *5.2.2.1: Number of outgoing students progressing to higher education*	10	Opted out

6.4.2 QnM	***Funds / Grants received from non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III and V) (INR in Lakhs)*** ***6.4.2.1: Total Grants received from non-government bodies, individuals, philanthropists year wise during last five years (INR in Lakhs)***	**10**	**Opted out**

- **In 7 key indicators, weakness (score less than 4) was detected as per evaluation criterion and benchmarks set by the NAAC.**
- **Only 01 weakness in qualitative metrics, 06 in quantitative metrics**
- **The institute had used the option to opt out for 4 key indicators.**
- **The detailed report in compiled form is available at:**

https://drive.google.com/drive/folders/1CO5bSNfScuD-4jZBy2SqY1Q-5K6kWyKu?usp=drive_link

The external members **Prof. I.K.Bhatt, Prof. Dharminder Kumar, Shri Suresh Kalra and Shri Mohit Kumar Gupta** congratulated the institute on getting A++ grade from NAAC.
The members also stressed on the need to step-up efforts to retain the status in coming times which are expected to be more challenging.

The Director thanked the BoG members and the proactive role played by Shri Prashant Mehta in making the IQAC very effective in the institute.

Prof I K Bhatt and Shri Prashant Mehta appreciated the efforts of Dr. M Pandit in securing A++ grade in NAAC cycle 2. The efforts of the IQAC coordinator Dr. Pratesh Jayaswal, in excellent coordination of the whole tiresome process of NAAC Cycle-II accreditation was appreciated. All the Criterion Heads for NAAC and the dedicated efforts of the faculty were instrumental in achieving this target. The contribution of **Dr. Nameesh Miglani** was sincerely acknowledged.

It was observed by members that all the weaknesses are pertaining to the low STR of the institute. The director informed the members about the regular faculty recruitments done in the last three years and the advertisement which is already floated for the next phase of faculty selection.

Item. 4: To report on the admission status for year 2023-2024

- **Except Civil (70%), Mechanical (62%) and Chemical (17%) Engineering programmes, all other 12 UG programmes have 100% admissions.**
- **The first choice has been CSE, followed by AIML, AIDS, CSD, IT and then IoT**.
- The admissions in PG programmes are MCA (100%), MBA (59%), MuP (25%) and ME/M.Tech is only 14%.
- Industry collaborated programmes with MoU for internship & placement is required to improve the scenario in the low performing UG/PG programmes.

The branch-wise opening and closing ranks

Sr. No.	Name of Course	Opening Rank	Opening JEE Marks	Category	Closing JEE marks
1.	Civil Engineering	128652	88.57	URXOP	15.61
2.	Mechanical Engineering	117394	89.59	URXOP	18.53
3.	Electrical Engineering	206792	81.84	URXOP	2.61
4.	Electronics Engineering	93811	91.69	AIUR	68.18
5.	Computer Science & Engineering	51052	95.5	AIUR	89.55
6.	Chemical Engineering	283997	75.42	SCXF	25.65
7.	Information Technology	75710	93.31	URXOP	88.19
8.	Electronics & Telecommunication Engineering	96562	91.44	AIUR	80.03
9.	Information Technology (Artificial Intelligence and Robotics)	87143	92.28	OBCXOP	85.49
10.	Internet of Things (IoT)	100244	91.12	AIUR	84.3
11.	Mathematics and Computing	128557	88.57	AIUR	79.244
12.	Internet of Things	90983	91.93	URXF	36.14
13.	Artificial Intelligence (AI) and Data Science	62034	94.53	URXF	87.25
14.	Artificial Intelligence and Machine Learning	61764	94.58	URXOP	87.12
15.	Computer Science and Design	70385	93.80	URXOP	87.95

— **The full admission details are available at**

https://drive.google.com/drive/folders/1_grAcgwxeOraoOsA1_Rt5i_VhKMbg-BP?usp=drive_link

Shri Mohit Kumar Gupta, VP, Eicher suggested that there is a need of motivating the students of core disciplines by industry personnel to give them industry perspective, to tell them about the importance of their branch in industry and job opportunities.

Dr. Dharmendra Kumar suggested that the nomenclature of core engineering programmes can be changed and made more attractive, such as Mechanical with AI, etc. Another possibility suggested was to design/offer cross-disciplinary honours tracks where students will be able to opt tracks form other departments also.

It was decided that the comparison of last 3 years admission status will be reviewed by the IQAC in the next meeting to spot the changes department-wise.

Item. 5: Review & impact analysis of Honors and Minor specialization awarded to students during the last three years

- The provision for Honors/Minor specialization was started w.e.f. the 2017-2018 admitted batch which graduated in June 2021
- Feedback from students who got these additional degrees was taken.

Year	Degree/Specialization	No. of students	Branch-wise Break-up
2020-2021	B. Tech with Minor Specialization in CSE	11	ME: 03, AU: 02, EC: 02 , ET:02, BT:02
2020-2021	B. Tech with Honors	25	ME:13, AU:01, IT:02, EE: 04, EC: 01, CSE:03, ET:01
2021-2022	B. Tech with Minor Specialization in CSE	04	EC-02, EE-01, CE-01
2021-2022	B. Tech with Honors	29	AU:02, BT:01, CE:05, CM:07, EE:05, IT:02, ME: 06
2022-2023	**B. Tech with Minor Specialization in CSE**	**06**	**EC-04, ET-02**
2022-2023	**B. Tech with Honors**	**31**	**AU:02, CSE:04, CE:12, CM:05, EE:04, IT:01, ME: 03**
Total Beneficiaries of Honors &Minor provision		**106**	

Feedback was taken from 2021 & 2022 passed out students.

	Availed by	Response by	Response %	Feedback Index
Honors Degree	56	23	41	2.33
Minor Degree	15	06	40	3.13

The feedback report is available at:

https://drive.google.com/file/d/1Fet_o07ynZ0RlRzx-eN9NG3hTj-wkxDC/view?usp=drive_link

Item. 6: Action Taken on feedback from students completing the Minor/Honors Degrees during the last two years

- **It is observed that the feedback index for Honors degree is lesser as compared to the minor specialization.**
- Therefore, **specific tracks for Honors Degree are created and offered in 2023-2024**, applicable to 2021-2022 admitted students (present III years)

Department-wise Summary of Honors Specialization Tracks offered

Name of the Department	No. of tracks offered for Honors
Civil Engineering	02
Mechanical/ Automobile Engineering	03
Electrical Engineering	03
EE- Internet of Things	03
Electronics/ Electronics & Telecommunication	03
Computer Science and Engineering/CSD	03
Centre of Artificial Intelligence	03
Information Technology	03
Chemical Engineering	05
Engineering Mathematics and Computing	03
TOTAL	**31**

List of Tracks offered by the different departments

(Applicable w.e.f. V semester, July-December 2023)

Name of Department: Civil Engineering	
Programme Name. B.Tech.	
Honours Specialization Name: Specialization in Structural Engineering (Track1)	**Honours Specialization Name: Specialization in Environmental Engineering (Track2)**
Course name	**Course name**
(H110507) Dynamics of Structures	**(H110510)** Municipal Solid Waste Management
(H110508) Admixtures and Special Concretes	**(H1105111)** Environmental Chemistry
(H110509) Introduction to Engineering Seismology	**(H110512)** Availability and Management of Groundwater Resources

Name of Department: **Mechanical/Automobile Engineering**						
	Design Track		**Thermal Track**		**Production Track**	
S. No.	**Honors (Jan.-June)**	**Honors (July-Dec.)**	**Honors (Jan.-June)**	**Honors (July-Dec.)**	**Honors (Jan.-June)**	**Honors (July-Dec.)**
1	Design, Technology and Innovation (8 week)	Mechanical Behavior of Materials (12 week)	Computational Fluid Dynamics for Incompressible Flows (12 Weeks)	Power Plant Engineering (8week)	Introduction To Mechanical Micro Machining (8 weeks)	Fundamentals of manufacturing processes (12 week)
2	Experimental Stress Analysis (12 weeks)	Fracture, Fatigue and Failure of Materials (12 week)	Turbulent Combustion: Theory and Modelling (12 weeks)	Advanced Thermodynamics and Combustion (12 week)	Product Design and Manufacturing (12 weeks)	Rapid Manufacturing (12 week)

3	Robotics: Basics and Selected Advanced Concepts(8 weeks)	Introduction To Composites (12 week)	Experimental Methods in Fluid Mechanics (12 Weeks)	Advanced Fluid Mechanics (12 week)	Mechanics of Fiber Reinforced Polymer Composite Structures (12 weeks)	Fundamentals of Additive Manufacturing Technologies (12 week)
4	Modeling and Simulation of Dynamic Systems (8 Weeks)	Solid Mechanics (12 week)	Heat Transfer and Combustion in Multiphase Systems (8 Weeks)	Heat Exchangers: Fundamentals and Design & Analysis (12 week)	Fundamentals Of Electronic Materials and Devices (8 weeks)	Automation in Manufacturing (12 week)

Name of Department**: Electrical Engineering**		
Programme Name: Electrical Engineering		
Honours Specialization: Energy Systems (Track1)	**Honours Specialization: Instrumentation and Control (Track2)**	**Honours Specialization: Communication and Signal Processing (Track3)**
Sustainable Energy Technology	Industrial Instrumentation	Digital Image Processing
Power Plant Engineering	Sensors and Actuators	Real-Time Digital Signal Processing
Technologies For Clean and Renewable Energy Production	Transducers For Instrumentation	Introduction To Wireless And Cellular Communications
Energy Conversion Technologies (Biomass and Coal)	Control Engineering	Simulation of Communication Systems Using Matlab

Name of Department: **Electrical Engineering**		
Programe Name: Internet of Things		
Honours Specialization Name: Artificial Intelligence (Track1)	**Honours Specialization Name: Programming (Track2)**	**Honors Specialization Name: Communication and Signal Processing (Track3)**
Introduction to Machine Learning Institute: IITKGP Duration: 8 Weeks	**Data Structure and Algorithms using Java** Institute: IITKGP Duration: 12 Weeks	**Digital Image Processing** Institute: IITKGP Duration: 12 Weeks
Deep Learning for Computer Vision Institute: IITH Duration: 12 Weeks	**Programming in Modern C++** Institute: IITKGP Duration: 12 Weeks	**Real-Time Digital Signal Processing** Institute: IISc Banglore Duration: 12 Weeks
Computer Vision Institute: IITKGP Duration: 12 Weeks	**Programming, Data Structures and Algorithms in Python** Institute: CMI Duration: 8 Weeks	**An Introduction to Coding Theory** Institute: IITK Duration: 8 Weeks

Programming, Data Structures and Algorithms in Python Institute: CMI Duration: 8 Weeks	**Data Science for Engineers** Institute: IITM Duration: 8 Weeks	**Introduction To Adaptive Signal Processing** Institute: IITKGP Duration: 8 Weeks
Reinforcement Learning Institute: IITM Duration: 12 Weeks	**Programming in Java** Institute: IITKGP Duration: 12 Weeks	**Simulation Of Communication Systems Using Matlab** Institute: IITG Duration: 12 Weeks
Name of Department**: Electronics Engineering**		
Programme Name : B.Tech in Electronics /Electonics & Telecommunication Engineering		
Honours Specialization: Communication & Signal Processing	**Honours Specialization: VLSI Design**	**Honours Specialization: Nano- Technology**
Course Name	**Course Name**	**Course Name**
Principal and Techniques of Modern Radar System	Hardware Modeling using Verilog	Nano- Technology, Science and application
Stochastic control & Communication	Analog VLSI Design	Microelectronics: Devices to Circuits

Name of Department**: Computer Science and Engineering**		
Programme Name: Computer Science and Engineering 2. Computer Science and Design Engineering		
Honours Specialization Name: Information Security (Track1)	**Honours Specialization Name: Internet of Things (Track 2)**	**Honours Specialization Name: High Performance Computing (Track 3)**
Course Name	**Course Name**	**Course Name**
Cyber Security and Privacy (noc23_cs127)	Introduction to Internet of Things (noc23_cs83)	Multi-Core Computer Architecture (noc23_cs113)
Ethical Hacking(noc23_cs75)	Sensor Technology: Physics, Fabrication and Circuits (noc23_ee95)	Distributed System (noc23_cs 72)

Name of Department**: Centre for Artificial Intelligence**		
Programme Name: Artificial Intelligence and Machine Learning 2. Artificial Intelligence and Data Science 3. Artificial Intelligence and Robotics		
Honours Specialization Name: Information Security (Track1)	**Honours Specialization Name: Internet of Things (Track 2)**	**Honours Specialization Name: High Performance Computing (Track 3)**
Course Name	**Course Name**	**Course Name**

Cyber Security and Privacy	Introduction to Internet of Things	Multi-Core Computer Architecture
Ethical Hacking	Sensor Technology: Physics, Fabrication and Circuits	Distributed System

Name of Department**: Information Technology**		
Programme Name: Information Technology		
Honours Specialization Name: Artificial Intelligence and Machine Learning	**Honours Specialization Name: Data Analytics**	**Honours Specialization Name: Robotics**
Fundamentals Of Artificial Intelligence (12 weeks)	Fundamentals Of Artificial Intelligence (12 weeks)	Introduction to Robotics (12 weeks)
Artificial Intelligence: Search Methods For Problem Solving (12 weeks)	Applied Linear Algebra For Signal Processing, Data Analytics And Machine Learning (12 weeks)	Artificial Intelligence: Search Methods For Problem Solving (12 weeks)
Programme Name: Internet of Things (IoT)		
Honours Specialization Name: Artificial Intelligence and Machine Learning	**Honours Specialization Name: Smart Computing & Algorithms**	**Honours Specialization Name: Robotics**
Fundamentals Of Artificial Intelligence (12 weeks)	Ethical Hacking (12 weeks)	Introduction to Robotics (12 weeks)
Artificial Intelligence: Search Methods For Problem Solving (12 weeks)	Introduction To Algorithms and Analysis (12 weeks)	Artificial Intelligence: Search Methods for Problem Solving (12 weeks)

Name of Department**: Chemical Engineering**				
Programme Name : B. Tech (Chemical Engineering)				
Honours Specialization Name: Energy Engineering (Track1)	**Honours Specialization Name: Separation Processes (Track2)**	**Honours Specialization Name: Unit Operations (Track3)**	**Honours Specialization Name: Polymer Technology (Track4)**	**Honours Specialization Name: Environmental Engineering (Track5)**
1. Artificial Lift (12 Weeks)	1. Thermal Processing of Foods (12 weeks)	1. Rheology and Processing of Paints, Plastic and Elastomer Based Composites (08 weeks)	1. Introduction to Polymer Physics – IITR (12 weeks)	1. Basic Environmental Engineering and Pollution Abatement (12 weeks)
Energy Conversion Technologies (Biomass and Coal) (08 weeks)	Colloids and Surfaces (08 weeks)	Transport Phenomena of Non – Newtonian Fluids (12 weeks)	Polymer Processing Engineering (12 weeks)	Trace and Ultra-Trace Analysis of Metals Using Atomic Absorption Spectrometry (08 weeks)

Hydrogen Energy: Production, Storage, Transportation and Safety (12 weeks)			3. Polymers: Concepts, Properties, Uses and Sustainability (12 weeks)	

Name of Department: Engineering Mathematics and Computing

Programme Name: B.Tech

Honours Specialization Name: Computational Mathematics (Track1)	**Honours Specialization Name: Data Science (Track 2)**	**Honours Specialization Name: Multimodal Intelligent Systems (Track 3)**
Course Name	**Course Name**	**Course Name**
Applied Liner Algebra for Signal Processing, Data Analytics and Machine learning	Big Data Computing	Computer Vision
Essential Mathematics for Machine Learning	Data Analysis & Decision Making-III	Social Network Analysis
Computational Commutative Algebra	Next generation sequencing technologies: Data Analysis and Application	Natural Language Processing

— **The list of Honours tracks offered to 2021-2022 admitted students is available at:**
https://drive.google.com/file/d/1Fet_o07ynZ0RlRzx-eN9NG3hTj-wkxDC/view?usp=drive_link

Prof. Dharminder Kumar discussed about the possibility of designing and offering cross-disciplinary Honours Tracks where students will be able to opt tracks form other departments also. This will enhance the job opportunities and placements across disciplines.

The director of the institute told the members about soon starting an honours track in "Research".

Item. 7: Status of Ph.D. research work and six-monthly monitoring

Summary of Ph.D. candidates' six-monthly progress review 07.09.2023
{Notice No. 1559 dated 14.02.2023}

S.No.	Department	No. of Students Registered (RGPV/TEQIP/NDF/QIP)	Students Present	Students Absent
1.	Civil Engineering	09	07	02
2.	Mechanical Engineering	14	09	05
3.	Electrical Engineering	08	07	01
4.	Electronics Engineering	13	05	08
5.	CSE/IT	17	17	00
6.	Chemical Engineering	01	01	00
6.	Engineering Mathematics & Computing	03	03	00
7.	Architecture	15	10	05
	TOTAL	**80**	**59**	**21**

Status of Ph.D. Draft Thesis, Final Thesis submission and Ph.D. degree awarded

April 2023 to September 2023					
S.No.	**Name of Department**	**Draft thesis**	**Final thesis**	**Awarded**	**Total**
1.	Civil Engineering	03	-	-	03
2.	Mechanical Engineering	03	-	02	05
3.	Electrical Engineering	06	06	-	12
4.	Electronics Engineering	02	-	02	04
5.	Computer Science and Engineering/ Information Technology	04	03	02	09
6.	Architecture	01	01	-	02
7.	Computer Application (MCA)	-	01	-	01
	Total	**19**	**11**	**06**	**36**

S.No	**Department**	**Name of Candidates**	**Name of Supervisor**	**Title of thesis**	**Status(Awarded/ Final Thesis/ Draft thesis)**
1	**Civil Engineering**	Shyamveer Singh Chauhan	Dr. M.K. Trivedi	"Fuzzy Neural Network (FNN) approach for Determination of Surface water quality index in Gwalior-Chambal Region"	Draft Thesis Submitted 10.03.2023
2		Rakesh Gupta		"Development of time-cost Model Using Elephant Herding Optimization Algorithm for Civil Construction Projects"	Draft Thesis Submitted 26.06.2023
3		Kamal Sharma		Development of Robust Scheduling Model for Civil Construction Projects Using Meta-Heuristics Approaches	Draft Thesis Submitted 03.07.2023
4	**Mechanical Engineering**	**Pushpendra Singh**	**Dr. Manoj Kumar Gaur**	"Performance Evaluation of Hybrid Greenhouse Solar Dryer for Drying High Moisture Content Crops"	Notification No. RGPV/ Ph.D/438/1291 dated 06.09.2023
5		**Vikas Kumar Thakur**	**Dr.Manoj Kumar Gaur Dr. Manish Kumar Sagar**	"Performance Analysis of Passive Solar Still with Different Nanoparticles"	Notification No. RGPV/ Ph.D/450/1254 dated 29.08.2023
6		Shubham Srivastava	Dr.C.S. Malvi Dr. Nandan Kumar, MD, High performance Textile Pvt. Ltd. Panipat	"Performance Evaluation of Multi-Layered Composite Against Mechanical and Thermal Exposure"	Draft Thesis Submitted 28.07.2023
7		Deepak	Dr.C.S. Malvi Dr. Manish Kumar Sagar	Study of Photovoltaic System, Design, Installation and Maintenance Practices	Draft Thesis Submitted 30.07.2023

8		Arvind Singh Tomar	Dr. Pratesh Jayaswal	Investigation of Fault Diagnosis in Rolling Element Bearing Using Vibration Signature Analysis	Draft Thesis Submitted 14.08.2023
9	**Electrical Engineering**	Alka Thakur	Dr. S. Wadhwani Dr. A.K. Wadhwani	Fault Detection and Analysis of Rotating Electrical Machine using Soft Computing Techniques.	Draft Thesis Submitted
10		Manoj Kumar Bandil	Dr. A.K. Wadhwani	Multi-Resolution Epileptic Classification of Electroencephalogram Using Hybrid Soft Computing Techniques.	Draft Thesis Submitted 20.03.2021
11		Anjali Agrawal	Dr. Seema N. Pandey Dr. Laxmi Srivastava	Development of Financial Mechanisms for Managing Congestion in Copetitive Power Markets.	Final Thesis Submitted 08.05.2023
12		Rinisha Bagaria NDF	Dr. Sulochana Wadhwani Dr. A.K. Wadhwani	"Development of Diagnostic System for Bone Fractures using Image Processing Techniques"	Final Thesis Submitted 21.02.2023
13		Manoj Kumar Ojha	Dr. S. Wadhwani Dr. A.K. Wadhwani Dr. Anupam Shukla, Professor, DoEC, ABV-IIITM, Gwalior	ECG Signals Processing for Early Prediction of Abnormality of heart Function using HRV analysis.	Final Thesis Submitted 28.10.2022
14		Hemant Amhia QIP	Dr. A.K. Wadhwani	Design & Development of ECG Signal based Disease Diagnostic System	Final Thesis Submitted 29.9.2023
15		Abhishek Saxena	Dr. Seema Pandey Dr. Laxmi Srivastava Dr. Shishir Dixit	Assessment and analysis of wheeling prices in Restructured Power System Using AI Techniques	Final Thesis Submitted 11.09.2023
16		Sarika Varshney	Dr. Laxmi Srivastava Dr. Manjaree Pandit	Integrated Security Assessment of Power System Using Distributed Computing and its Enhancement	Final Thesis Submitted 12.09.2023
17		Sunita Shukla	Dr. Manjaree Pandit	Investigation of Dynamic Economic Dispatch Problem with Renewal Energy sources	Final Thesis Submitted 20.04.2023
18		Vinay Kumar Tatikayala	Dr. S. Dixit	Power System Operation and Control In An Integrated Environment With Renewable Energy Sources	Draft Thesis Submitted 17.07.2023
19		Rajni Maurya	Dr. Sulochna Wadhwani	Disease Detection and Classification from Radiological Images Using Soft Computing Techniques	Draft Thesis Submitted 26.07.2023

20		Poonam Singh	Dr. Manjaree Pandit Dr. Laxmi Srivastava	"Solution of Energy Management Challenges for Hybrid Renewable Energy Systems Employing Intelligent Computational Techniques"	Draft Thesis Submitted 09.09.2023
21	Electronics Engineering	**Deepti Gupta**	**Dr. P.K. Singhal**	Desing and Development of Microstrip Filters using Mata materials	Notification No. RGPV/Ph.D/44/1093 dated 02.08.2023
22		**R. Jenkin Suji**	**Dr. Sarita Singh Bhadauria**	Performance Improvement of Computer Aided Diagnosis System for Biomedical Imeges.	Notification No. RGPV/Ph.D/222/1095 dated 06.07.2023
23		Shailendra Singh Ojha	Dr. Vandana Vikas Thakare Dr. P.K. Singhal	Design and Analysis of Rectenna For Wireless Energy Harvesting	Draft Thesis Submitted 16.08.2023
24		Anshul Agarwal	Dr. Vandana Vikas Thakare Dr. P.K. Singhal	Design of Broadband Dual Polarisation Dipole Antena for Base Station Application	Draft Thesis Submitted 11.09.2023
25	Computer Science and Engineering/ IT	Arvind Kumar Sharma	Prof. R.K. Gupta	"Development of New Algorithms for Trend Detection and Prediction in Spatial Databases"	Final Thesis Submitted (13.06.2023)
26		**Abhilash Sonker**	**Prof. R.K. Gupta**	**A New Approach formisbehaviour detection of nodes VANET**	**Notification No. RGPV/Ph.D/227/1052 dated 25.07.2023**
27		**Jaimala Jha**	**Dr.Sarita Singh Bhadauria**	**A Frame work for Fast Retrieval and Identification of Monument Images using Visual Features and data Mining Techniques'**	**Notification No. RGPV/Ph.D/168/1238 dated 23.08.2023**
28		Ruchi Jayaswal	Dr. Manish Dixit	Design and Development of an efficient and Intelligent Framework for Human computer Interaction in Pandemic Scenario Using Deep Learning Models"	Final Thesis submitted 10.01.2023
29		Devanshu Tiwari	Dr. Manish Dixit	Development of Breast Cancer Detection Framework using Machine Learning Technique	Final Thesis submitted (8.8.2023)
30		Shradha Dubey	Dr. Manish Dixit	Design And Analysis of Deep Convolutional Spontaneous Framework For Diagnosis Of Eye Disease Using Retinal Image Patterns	Draft Thesis Submitted 26.07.2023
31		Priyanka Gupta	Dr. Manish Dixit	A Deep Neural Framework For Surficial Crack Detection In Engineering Structures Using Image Patterns	Draft Thesis Submitted 26.07.2023
32		Anand Jawdekar	Dr. Manish Dixit	"Design and Development of an efficient and Intelligent Framework for Image Enhancement Using Intelligent Techniques"	Draft Thesis Submitted 06.09.2023

33		Sanjay Patsariya	Dr. Manish Dixit	"Design and Analysis of Secured and Robust Watermarking Techniques to Improve Fidelity Parameters"	Draft Thesis Submitted 06.09.2023
34	**Computer Application**	Mahendra Pratap Singh Dohre	Dr. R.S. Jadon	An Innovative Approach for User Profile based Online Searching on Web Content.	Final Thesis Submitted (31.05.2023)
35	**Architecture**	Rishika Shah	Dr. R.K. Pandit Dr. Manoj Kumar Gaur	"Integrated Urban Physics and Thermal Comfort for Sustainable Street Canyon"	Notification awaited
36		Vishal Yardi	Dr. R.K. Pandit	Modeling energy efficient buildings- A case of Indore City	Draft Thesis Submitted 11.09.2023

Item 8: Monitoring the regular conduction of orientation programmes for II-to-IV-year students at the beginning of the semester

S. No	Name of the Department	Year/ Semester	Link of Orientation report
1	Civil Engineering	III	Not uploaded
		V	
		VII	
2	Mechanical/ Automobile Engineering	III	https://web.mitsgwalior.in/images/Departments/mechanical_engineering/reports/Report-%20II%20yr%20Orientation%20Programme%20Schedule_July%20Dec%202023%20-.pdf
		V & VII	https://web.mitsgwalior.in/images/Departments/mechanical_engineering/reports/Report-%20III%20%20IV%20yr_Orientation%20Programme%20Schedule_July%20Dec%202023.pdf
3	Electrical Engineering	III	https://web.mitsgwalior.in/images/NP/EED/Report/Orientation%20Program%20reportEE%20_III%20sem_01_08_2023.pdf
		V	https://web.mitsgwalior.in/images/NP/EED/Report/Orientation%20Report%20EE_V_01_08_2023.pdf
		VII	https://web.mitsgwalior.in/images/NP/EED/Report/Orientation%20Program%20report%20EE_%20VII_24_07_2023.pdf
4	Electrical (IoT)	III	https://web.mitsgwalior.in/images/EEIOT/Orientation%20Reports/Orientation%20Report%20III%20semester%20EE_IoT_2.pdf
		V	https://web.mitsgwalior.in/images/EEIOT/Orientation%20Reports/Orientation%20Report%20V%20Semester_EE_IoT_2.pdf
		VII	https://web.mitsgwalior.in/images/EEIOT/Orientation%20Reports/Orientation%20Report%20VII%20Semeter%20EE_IoT_2.pdf
5	Electronics & Electronics Telecommunication Engineering	III	https://web.mitsgwalior.in/images/Departments/electronics_engineering/Department%20Event/Orientation%20Report%20Jan%202023%20EC%20%20ET%202nd%20Year.pdf
		V	https://web.mitsgwalior.in/images/Departments/electronics_engineering/Department%20Event/Orientation%20Report%20Jan%202023%20EC%20%20ET%203rd%20Year.pdf
		VII	https://web.mitsgwalior.in/images/Departments/electronics_engineering/Department%20Event/Copy%20of%20Orientation%20Report%20Jan%202023%20EC%20%20ET4th%20Year.pdf
6	Computer Science and Engineering, Computer Science Design, Master of Computer Application (MCA)	III, V, VII	https://web.mitsgwalior.in/images/Departments/Computer-Science/Orientation%20Program/Orientation%20Report%20July-Dec%202023.pdf

7	Chemical Engineering	III,V & VII	https://web.mitsgwalior.in/images/Departments/chemical_engineering/Orientation%20Program%20Report%20Chemical%20Engg%20II%20-IV%20Year%201.pdf
8	Engineering Mathematics & Computing	III V & VII	https://web.mitsgwalior.in/images/Departments/engineering_mathematics/Events%20%20Activities/Orientation%20Induction%20Program/JAN%202023%20REPORT%204th%20Sem%20Orientation%20Program%20.pdf
9	Information Technology & Internet of Things	III, V & VII	https://web.mitsgwalior.in/images/Departments/information_technology/Downloads/Orientation%20program%20report.pdf
10	Centre for Artificial Intelligence		
	IT- AIR, AIDS, AIML	III	https://drive.google.com/file/d/1YlxP4WtJ05GdLu248Mc_-HujoJGLaE-s/view?usp=sharing
		V	https://drive.google.com/file/d/1zqbVr2D8bsiXUheog_R5naSpnfTcZnRV/view?usp=sharing
11	Architecture	III, V, VII	https://web.mitsgwalior.in/images/Departments/architecture_planning/events/Induction%20Final%20Report.pdf
12	Department of Management	III	**Not upload**

S. No.	Name of Department	Date of Meeting	Semester	Students present
1.	Civil Engineering	01/08/2023	III	13
		24/07/2023	V	21
		24/07/2023	VII	47
2.	Mechanical/ Automobile Engineering	01/08/2023	III	31
			V & VII	50
3.	Electrical Engineering	01/08/2023	III	32
		03/08/2023	V	36
		24/07/2023	VII	23
4	Electrical (IoT)	01/08/2023	III	37
		24/07/2023	V	19
			VII	16
5.	Electronics & Electronics Telecommunication Engineering	01/08/2023	III	63
		24/07/2023	V	43
			VII	35
6.	Computer Science and Engineering	01/08/2023	III	32
		24/07/2022	V	39
		24/07/2023	VII	02
	Computer Science Design	01/08/2023	III	17
		24/07/2022	V	14
7.	Chemical Engineering	01/08/2023	III	04
		24/07/2023	V & VII	06
8.	Information Technology	20/01/2022	II	43
		13/01/2022	III	44
		13/01/2022	IV	27
	IT- Internet of Things (IoT)	20/01/2022	II	46
9.	IT- Artificial Intelligence and Robotics	01/08/2023	III	08
		24/07/2023	V	14
	Artificial Intelligence and data Science	01/08/2023	III	13

		24/07/2023	V	18
	Artificial Intelligence and Machine Learning	01/08/2023	III	05
		24/07/2023	V	14
10.	Architecture	03/08/2023	III	10
		31/07/2023	V	20
		01/08/2023	VII	21
11.	Master of Computer Application (MCA)	01/08/2023	III	20
12.	Department of Management	01/09/2023	III	18

Item 9: Report on partial delivery of course in collaboration with industry person

— In this semester 15 courses in different departments are being offered in collaboration with industry persons.

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)
NAAC Accredited with A++ Grade
Conduction of course in collaboration with industry person
RECOMMENDATION SUMMARY July - December (2023-24) (07.08.2023)

S.No.	Name & Designation of Expert	Name of Industry	Class	Name of Course	Status
Name of Department : Electrical Engineering					
1.	Dr. Manik Jalhotra Senior Associate Engineer	Opal-RT Technology, Banglore	B.Tech (EE, EE (IoT)-V semester	Embedded Control of Electrical Machine (220503)	Recommended
2.	Er. Aayush Jain Consultant	PwC (Price water House Coopers Private Ltd.) in Energy & Utilities, Gurgaon	B.Tech (EE)VII Semester	Electric Vehicle (130719)	Recommended
3.	Ms. Ananya Tiwari	Research Scholar, IISC Bengaluru	B.Tech (EE & EE (IoT)) III Semester	Analog and Digital Electronics (2130315, 2220305)	Recommended
Name of Department : Computer Science & Engineering					
1.	Mr. Arun Kumar Singh Data Research Scientist	Digital General Insurance	B.Tech- V semester	Data Science (150511)	Recommended
2.	Mr. Dushyant S. Sengar Analytics	Business Consultant	B.Tech- V semester	Data Science (150511)	Recommended
3.	Mr. Debabrata Ghosh Senior Managing Consultant	IBM	B.Tech- V semester	Data Science (150511)	Recommended
Name of Department : Centre for Artificial Intelligence					
1.	Mr. Himanshu Kunwar Senior Data Scientist	American Express GBT	B.Tech- V semester	Data Science using Python (280502/270502/240502)	Recommended
2.	Mr. Giridhari Lal Gupta Associate	Goldman Sachs, Bengaluru	B.Tech- V semester	Data Science using Python (280502/270502/240502)	Recommended
Name of Department : Information Technology					
1.	Mr. Arun Jain MTS Software Engineer	Net App. Bangalore	B.Tech – III Semester (IoT)	Design & Analysis of Algorithms (2230322	Recommended
2.	Er. Anirudh Singhal Scientist	TCS- Innovation Lab, Noida	B.Tech – V Semester (IoT)	Embedded System & IoT (230504)	Recommended
Name of Department : Architecture					
1.	Mr. Amol Sathe Consultant	BIM , Pune, Maharashtra	B.Arch – III Semester	Graphics-III (21313)	Recommended
2.	Ar. Punit Pandey Architect & Urban Planner	Vima The dimension, Indore	B.Arch – V Semester	Architecture Design-V (210514)	Recommended
3.	Ar. Arihant Jain Associate Energy Modeler	Eide Bailly LLP, Delhi	B.Arch – V Semester	Building Science & Energy Conservation (210517)	Recommended
4.	Ar. Vatsalya Sharma Lecturer	Texas State University	B.Arch – VII Semester	Project Management & Building Economics (210703)	Recommended
5.	Ar. Conrad Gomes Head SPACON Design	SPACON DESIGN INDIA PVT. LTD, Indore	B.Arch – VII Semester	Estimating & Costing and specification (210704).	Recommended

(Dr. Manjaree Pandit)
Dean Academics

Submitted for approval

(Dr. R.K. Pandit)
Director

Item 10: To review the placement status of 2023 graduating students

(Training & Placement Cell)
Campus Recruitment for the Passing out Batch - 2023

Sl. No.	Company Name	Salary Package (LPA)	Grand Total
1	Infosys	Rs. 3.6LPA	**13**
		Rs. 6.25LPA	**5**
2	Accenture	Rs. 4.5LPA	**108**

		Rs. 6.5LPA	**5**
3	Kloudspot	Rs. 8.1LPA	**11**
4	Deqode	Rs. 6.0LPA	**0**
5	TCS-Ninja	Rs. 3.5LPA	**43**
	TCS-Digital	Rs. 7.5LPA	**19**
6	Trilogy	Rs. 38.0LPA	**0**
7	Neemtree.in	Rs. 3.5LPA	**0**
8	LTI(Infotech)	Rs. 4.0LPA	**89**
		Rs. 5.0LPA	**16**
		Rs. 6.5LPA	**6**
9	Hughes Systique	Rs. 10.0LPA	**6**
10	HikeEdu	Rs. 4.5LPA	**7**
11	Sopra Steria	Rs. 6.0LPA	**13**
12	Simplifyvms	Rs. 7.25LPA	**4**
13	Virtusa	Rs. 6.5LPA	**3**
14	Persistent Systems	Rs. 5.1LPA	**31**
15	Tech Mahindra	Rs. 3.25LPA	**28**
		Rs. 5.5LPA	**1**
16	NewGen (Application Engineer)	Rs. 4.25LPA	**32**
17	Vodafone	Rs. 4.5LPA	*Went on hold*
18	RxLogix	Rs. 5.5LPA	**20**
19	IBM	Rs. 4.5LPA	**12**
20	Schaeffler **Technolo**gy	Rs 6 LPA	*Went on hold*
21	Asahi India Glass Ltd. (AIS)	Rs. 3.0LPA	**7**
22	IndiaMART	Rs. 3.0LPA	**3**
23	Bugsmirror	Rs. 6.0LPA	**0**
24	IBM	Rs. 4.75LPA	**1**
25	Godrej	Rs 3.5 LPA	**2**
26	DCM Shriram	Rs. 3.18LPA	**8**
27	NewGen (Software Engineer)	Rs 4.25 LPA	**3**
28	Integrated Microsystem Ptd. Ltd.	Rs. 3.0LPA	**3**
29	Acuity Knowledge	Rs. 6.0LPA	**2**
30	Bunge India Pvt. Ltd.	Rs 4.5 LPA	**0**
31	NBC Bearing	Rs. 4.1LPA	**2**
32	Volvo Eicher	Rs. 4.5LPA	**10**
33	Merkle Sokrati	Rs. 4.0LPA	**3**
34	Prism Johnson Ltd.	Rs. 4.0LPA	**1**
35	BYJU's	Rs. 7.5LPA	**11**
36	CG Power(EC)	Rs. 4.5LPA	**2**
37	Linde Engineering	Rs. 5 LPA	**1**
38	CG Power(ME/EE)	Rs. 4.5LPA	**5**
39	CG Power (Apprenticeship)		**3**

40	UHP Technology	Rs. 3.29LPA	**4**
41	Kalpataru Power	Rs. 4.5LPA	**12**
42	Craste (Fuma Labs)	Rs 2.4 LPA	**1**
43	Otsuka Chemical India Pvt. Ltd.		**0**
44	CG Power(EE/ME/EC/ET)	Rs 4.5L PA	**3**
45	Durian Furniture	Rs 3.6 LPA	**1**
46	VRS Foods	Rs.2.8LPA	**2**
47	thrillophilia.com	Rs. 4.2LPA	**1**
48	Aligninfo solution	Rs. 2.8LPA	**1**
49	Axis Bank	Rs. 4.25LPA	**1**
50	BYJU's	Rs. 3.5LPA	**1**
51	Cognizant	Rs. 5.0LPA	**1**
52	HDFC Bank	Rs. 2.5LPA	**9**
53	Invest mart ltd	Rs. 2.4LPA	**1**
54	Janmat	Rs. 3.6LPA	**1**
55	Prem Motors pvt Ltd	Rs. 2.4LPA	**1**
56	Qualite Manpower	Rs. 2.5LPA	**2**
57	R1RCM	Rs. 2.6LPA	**1**
58	Study Group	Rs. 6.5LPA	**1**
59	IDFC Bank	Rs. 4.5LPA	**In process**
60	RINEX	Rs. 5.2LPA	**In process**
61	IHP	Rs. 3.2LPA	**In process**
62	Eicher Volvo (ME/EE/AU)	Rs 3.5 LPA	**Inprocess**
63	Aditya Birla Group	Rs 3.0 LPA	**In process**
	Off Campus Placements		**35**
			618

It was discussed that Industry Conclave at a large scale will be organized to boost collaboration with industry persons and their interaction & involvement in the institute for improved campus placement.

Item 11: To present the updated Internship Project summary for 2023 batch

- The Internship Calendar of the institute was strictly followed.
- The continuous monitoring mechanism using a **Monthly Progress Report (MPR)** was implemented.
- The complete Internship Project Datasheets in excel format are available at https://drive.google.com/drive/folders/1uRC5EErYDCFnCHeuEuN7O-saITyFnCKU?usp=drive_link

FINAL SEMESTER INTERNSHIP/PROJECT REPORT - 2023 GRADUATED BATCH

Departments	*Total No. of Students*	*No. of Students doneInternship*	*No. of Students done Project*	*No. of Students received stipend*	% students with stipend	*Minimum Stipend in Rs.(Per Month)*	*Highest Stipend in Rs. (Per Month)*
Automobile	64	62	2	18	29.03	5,000	45,000
Computer Science & Engineering	151	139	12	59	42.45	3,000	98,000
Civil	139	127	12	11	8.66	2,000	20,000
Chemical	64	61	3	7	11.48	5,000	20,000
Electrical Engineering	152	142	10	44	30.99	5,000	75,000
Electronics Engineering	134	129	5	32	24.81	3,000	60,000
Electronics & Telecommunication Engineering	67	63	4	23	36.51	5,000	45,000
Information Technology	77	63	14	22	34.92	4,000	1,25,000
Mechanical	149	139	10	21	15.11	5,000	50,000
Total	**997**	**925**	**72 (7%)**	**237 (26%)**	…..	……	……..

Comparison of last 3 years of paid internships will be presented in the next meeting to see the improvement or change department-wise.

Item 12: To report about the conduction of the Faculty Induction Programme-IV for the newly appointed faculty

- The FIP-IV was conducted for the faculty from 19th to 21st July 2023.
- There were 50 participants.
- In the FIP, there were sessions on
  - **Academic Reforms and Implement in the Institute**
  - **Examination Process**
  - **MOOCs Development and digital Teaching Practices & Processes**
  - **Quality Assurance: Role of IQAC**
  - **Flexible Curriculum Implemented in Institution**
  - **OBE-The Institute Approach towards attainment of Programme Outcomes**
  - **Moodle (Best Practice)**
  - **Implementation of NEP**
  - **Online teaching-learning through SWAYAM**
  - **Best Practices for IMS and**
  - **Hands-on practice session on MOODLE for quality assurance in the institute.**
- **After each session a quiz was conducted on MOODLE and grades were awarded**.
- Report of the Faculty Induction Programme for the newly appointed faculty from 19th to 21st Jan 2023 is available at:

https://drive.google.com/drive/folders/1LwljmSNZURjue_cP3FtOCnzX6ccPETBA?usp=drive_link

Item 13: To present the report of the In-house faculty Peer Training initiative of the institute for Competency Enhancement in emerging areas

— The institute has started this new initiative since last year.

— Faculty of one programme train the faculty of other programmes for enhancing their proficiency in emerging area programmes.

Summary

{In-House Peer Training for Faculty Competency Enhancement in Emerging Areas}

S.No.	Course Name	Trainer faculty	Faculty participants	Programme Dates
1.	Data Science	03	20	11th to 16th July 2022
2.	Project Management & Financing	03	09	11th to 15th July 2022
3.	Artificial Intelligence and Machine Learning" BY Department of CSE.	03	11	21st - 30th December 2022
4.	Artificial Intelligence and Machine Learning	03	09	21st January to 31st March, 2023
5.	Python Programming	04	19	01st May to 12th May, 2023
6.	Artificial Intelligence & Machine Learning	01	28	17th -21st July 2023
7.	Basics of Computer Science and Emerging Technologies	06	34	24th – 28th July 2023

The detailed report of the faculty peer learning in emerging areas is available at
https://drive.google.com/drive/folders/1aKe1kDa86Twd7oLIh3tggLN7B9mdMMxN?usp=sharing

Item 14: To report about the conduction of Academic Audit by external experts from 15th to 17th September 2023

— The schedule, guidelines circulated to the departments are available at https://drive.google.com/file/d/1HROcHN876FyFoHZM6qug7fElXb7qu1b9/view?usp=drive_link

— **The final report is under preparation. It will be presented in the next meeting.**

Pro. I K Bhat offered to share with the institute the academic audit format designed by him. The Dean Academics mentioned that targets for faculty, departments, outreach activities, publications etc. will be soon set by the Academic Development Cell and the Internal Audit Committee. The same will be presented in the next meeting of the IQAC for further suggestions and final approval.

Item 15: To report about the outcome of the International Conference 4th ICSISCET-2022 in the form of publication of proceedings by Springer, Under the AIS series (Collaborative Event)

- **The institute organizes the following flagship event every year since 2019**.
  ICSISCET: International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology.
- Since 2021 the institute has been conducting this event in collaboration with SCRS for which an MoU has been signed with the Soft Computing Research Society (SCRS)
- The proceeding entitled **"Artificial Intelligence and Sustainable Computing-Proceedings of ICSISCET 2022"** was published on 23rd September 2023 and is located at:
  https://link.springer.com/book/10.1007/978-981-99-1431-9
  eBook ISBN: 978-981-99-1431-9
  Print Version ISBN: 978-981-99-1430-2
- The **editors of the proceedings:** Two editors are from MITS, Gwalior and the third editor **Dr. Sandeep Kumar is Professor, Department of Computer Science and Engineering, School of Engineering and Technology, CHRIST (Deemed to be University), Kengeri Campus, Bangalore -560 074**
- Manjaree Pandit, M. K. Gaur, Sandeep Kumar, "Artificial Intelligence and Sustainable Computing, Proceedings of ICSISCET 2021", DOI: https://doi.org/10.1007/978-981-99-1431-9, (e-book) **eBook ISBN**978-981-99-1431-9 Published by Springer Singapore: 23 September 2023; : **Hardcover ISBN** 978-981-99-1430-2, **Softcover ISBN** 978-981-99-1433-3, Due: 08 October 2024, under the Book Series, Algorithms for Intelligent Systems, available at the following link:
  https://link.springer.com/book/10.1007/978-981-99-1431-9

Item 16: To report about the conduction of Induction Programme for the newly admitted first year students: new initiative taken for student profiling

- The induction programme was conducted from 18th September 2023 to 20th September 2023.
- On the first day, there was a formal programme in which the students were addressed by the BoG members, director, deans, examination controllers etc.
- Then there were introductions of clubs and cultural programme by senior students.
- On the second day the students went to their departments where the faculty addressed them and they were taken to the labs and other facilities.
- The students were greeted with fun and games. Later, city visit was also scheduled on a holiday.

- **A new initiative was taken for the general profiling of students. Data was collected using Google forms to**
  - *identify the interests and hobbies of the students*
  - *know about their backgrounds so that individual attention can be given to them by the various mentors, for different activities*
  - *know about their academic interests, previous academic performance etc.*

— **The following data was collected from the students for their general profiling.**

Email Address	Phone Number (Whats App)	Admission Category
Enter your name	Name of the school	Father Occupation
Identity	Name of the city where school is located	Father's Annual Income
Father's Name	Name of the State where school is located	**Your co-curricular interests**
Mother's Name	Percentage of marks obtained in 12th	Awards/Prizes achieved in any co-curricular activity (if any)
Degree Admitted to	JEE Enrolment Number/Admission Number	**What would you like to learn at MITS**
Branch Admitted to	JEE Score	Any other detail you want to submit, then mention here
Phone Number	JEE Rank	

— **A new initiative was taken by conducting a General Proficiency Test (MCQ) to**
  - *Find out their extra and co=curricular interests*
  - *Measure their general technical and literary skills*

— **Majority of the students scored between 5-10 on a scale of 20.**

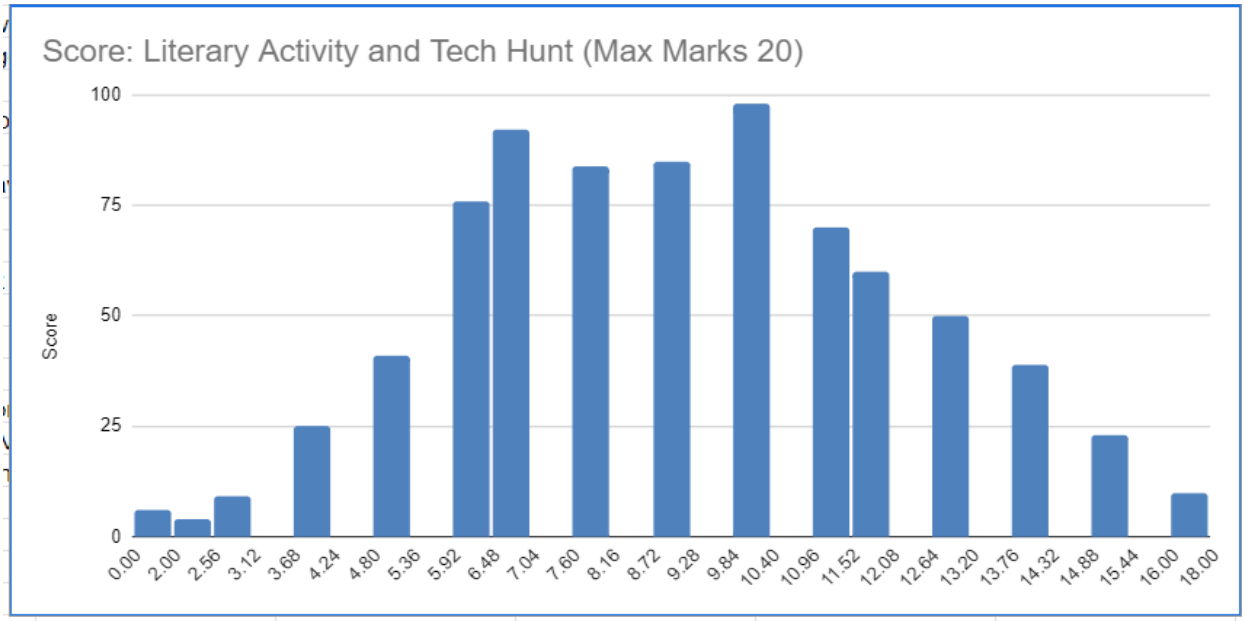
— From next year onwards a more structured procedure and questionnaire will be used for conducting the analysis.

— **The following personal information and multiple-choice questions were asked.**

Write your full name
Identity
Father's Name
Branch Admitted to
The repetition of similar ending sounds is known as
A poem that generally has ammeter and rhyme is known as:
The study of meter, rhythm, rhyme and intonation in a poem is referred to as:
Exaggeration as a literary device is also known as:
When a writer describes an incident or a scene which had occurred in his life or any other person's life from recollections is called:
Closed reading is one:
Which of these is a broad genre:
Which of the following describe a literary activity:
The best way to represent a 'conflict' is:
The teaching of English language and literature at college and University level first began in:
Which of the following is not a typical function of an operating system?
Which computer programming language is often used for low-level system programming and operating systems?
What is the primary goal of a "ransomware" attack?
Which type of computer virus disguises itself by attaching to a legitimate program and spreading when the program is executed?
What is the primary difference between a virus and a worm in the context of computer malware?
What is the primary function of a router in a computer network?

What does the acronym "VPN" stand for in the context of computer networking?
What technology allows a web browser to request and display dynamic web page content without requiring a page reload?
What is the main purpose of a firewall in network security?
What is the primary role of an API (Application Programming Interface) in software development?

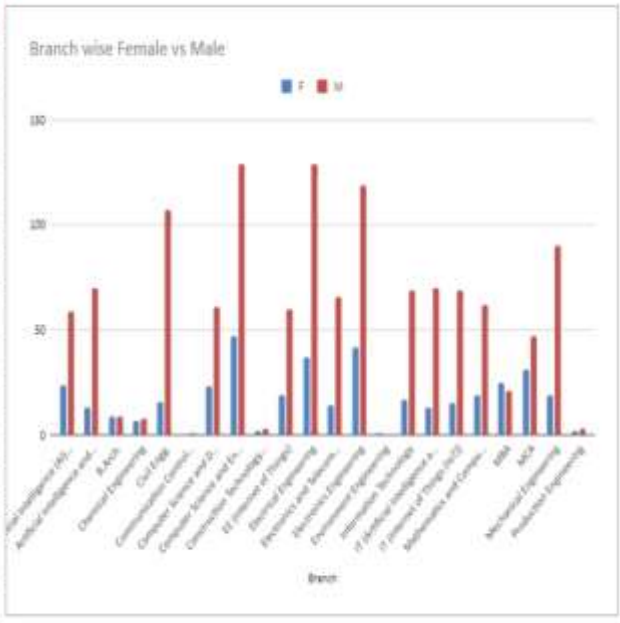
Histogram of Student Score in General Proficiency Test



The complete data and details of the test are available at:
https://docs.google.com/spreadsheets/d/1BGW3PHR_HWZlUGxbS3Fe4INvxHTbs5oN/edit#gid=1482878568

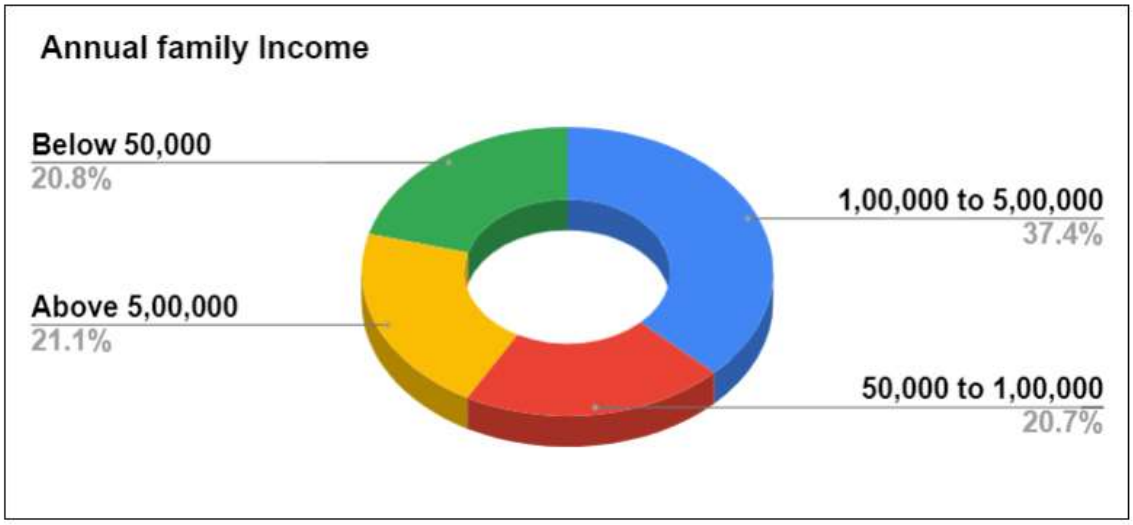
Classification on the basis of Male/Female

COUNTA of Name	Gender		
Branch name	F	M	Grand Total
Artificial Intelligence (AI) and Data Science	24	59	83
Artificial Intelligence and Machine Learning	13	70	83
B.Arch.	9	9	18
Chemical Engineering	7	8	15
Civil Engg.	16	107	123
Communication Control and Networking		1	1
Computer Science and Design	23	61	84
Computer Science and Engineering	47	129	176
Construction Technology and Management	2	3	5
EE (Internet of Things)	19	60	79
Electrical Engineering	37	129	166
Electronics and Telecommunications	14	66	80
Electronics Engineering	42	119	161
Environment Engineering	1		1
Information Technology	17	69	86
IT (Artificial Intelligence and Robotics)	13	70	83
IT (Internet of Things (IoT))	15	69	84
Mathematics and Computing	19	62	81
MBA	25	21	46
MCA	31	47	78
Mechanical Engineering	19	90	109
Production Engineering	2	3	5
Grand Total	395	1252	1647



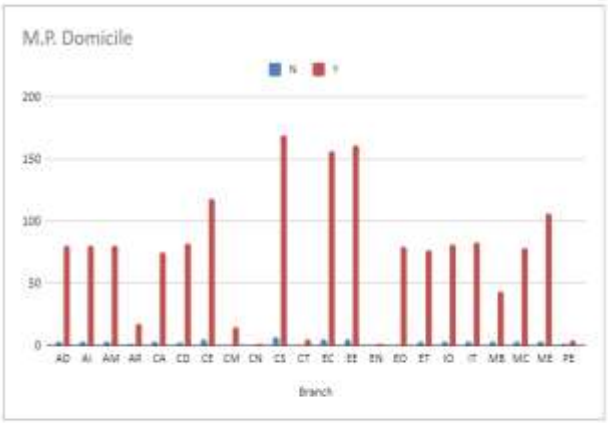
Classification on the basis of family income

Annual Family Income	Count of students
1,00,000 to 5,00,000	509
50,000 to 1,00,000	282
Above 5,00,000	288
Below 50,000	283
Grand Total	1362



Classification on the basis of Domicile

COUNTA of Name	Domicile		
Branch	N	Y	Grand Total
AD	3	80	83
AI	3	80	83
AM	3	80	83
AR	1	17	18
CA	3	75	78
CD	2	82	84
CE	5	118	123
CM		15	15
CN		1	1
CS	7	169	176
CT		5	5
EC	5	156	161
EE	5	161	166
EN		1	1
EO		79	79
ET	3	77	80
IO	3	81	84
IT	3	83	86
MB	3	43	46
MC	3	78	81
ME	3	106	109
PE	1	4	5
Grand Total	56	1591	1647



The schedule of activities conducted at the department level, along with the full report of the 3-day induction program, feedback from students etc. is available at:
https://drive.google.com/drive/folders/1qPoOOVa-LIfqNrV6F4oyte6OqYIDRq8Y?usp=drive_link
The report of the induction programme is available at
https://drive.google.com/file/d/1oZaRhk1wV1QafMO8M3NeiLU2cYJtzuZi/view?usp=drive_link

Item 17: To report on efforts made for increasing institutional visibility and quality enhancement

— Initiative was taken to recruit Research Assistants
- *With reference to Advt./HR/2023 dated 27.05.2023 for Research Assistantship & Junior Research Fellow the interviews were conducted on 18.07.2023 by the research committee vide order no 1295 dated 6th July 2023.*
- *No candidates were found suitable against the RA positions advertised, however candidates, against Junior Research Fellow (JRF) positions under ongoing funded research projects, were recruited.*

— To develop **bridge courses** for students admitted through lateral entry, branch change or admitted through transfer from other institutes (order no 1641 dated 10th August 2023)
— To make the **student chapter** of the 'Institution of Engineers, India' active & alive institutional and departmental coordinators are appointed to start the membership drive.
— The institute applied for the **"Institutional Excellence Award"** of IE (India) for the first time
— Some MITS student clubs to take initiative to start their chapters in schools of Gwalior
— Conduction of **Internal Hackathon** for qualifying to **Smart India Hackathon-2023 on 19th September 2023**

Director appriased the house regarding starting of clubs in schools through financial and other support from Institute.
Gender audit will also be started in the institute from this academic year.

Item 18: In-house Workshop on "Question Paper Analysis"

— The workshop was conducted according to regular practice at each department, the schedule of which is as shown in the Table below.

It was decided that workshops on question paper setting will be conducted to train the new faculty members.

It was also proposed that question paper audit will be conducted to maintain the standards of evaluation and compliance with OBE to assess the learning levels of students effectively.

Summary of In-house workshop on Question paper analysis

S.No.	Department	Date(s)	Faculty participants
1	Civil Engineering	…….	Not conducted
2	Mechanical Engineering	……..	Not conducted
3	Electrical Engineering	16/08/2023	20
	Electrical Engineering - IoT	21/09/2023	07
4	Electronics Engineering	18/08/2023	15
5	Computer Science and Engineering	13/09/2023	20

6	Information Technology	18/09/2023	12
7	Centre for Artificial Intelligence (AIR, AIDS, AIML)	21/09/2023	15
8	Chemical Engineering	12/09/2023	05
9	Engineering Mathematics & Computing	……..	Not conducted
10	Architecture	23/08/2023	09
11	Department of Management	15/09/2023	07
12	Applied Science	……	Not conducted

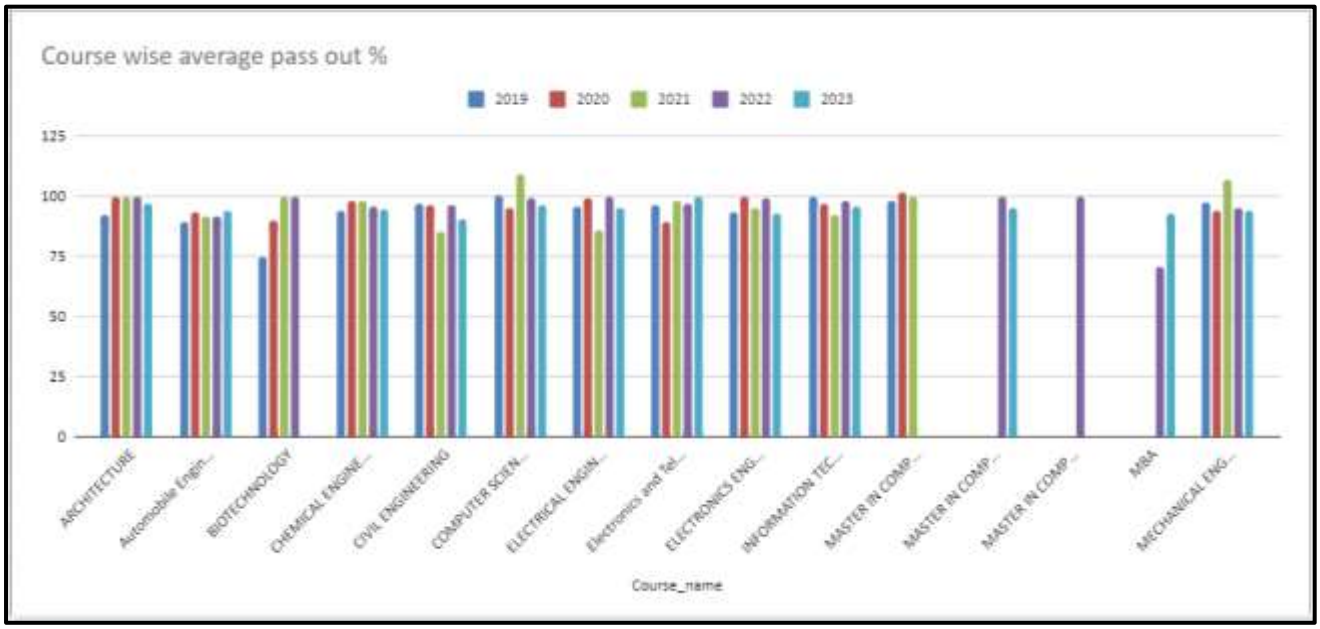
Item 19: To report about the guidance/motivational session for all pre-final and final year students on "Insights of GATE-2024"

— **Dr. J. Ramkumar, Vice Chairman [GATE-2024],** from IIT-Kanpur delivered a motivational session for pre-final & final year students on 3rd October from 2.0 PM onwards in the Colloquium.

Item 20: Result analysis of final year graduating batch 2019-2023

— The results of last six years are available at:

Course_name	2019	2020	2021	2022	2023
ARCHITECTURE	93	100	100	100	97
Automobile Engineering	89	93	92	92	94
BIOTECHNOLOGY	75	90	100	100	
CHEMICAL ENGINEERING	94	98	98	96	95
CIVIL ENGINEERING	97	96	85	96	91
COMPUTER SCIENCE & ENGINEERING	101	95	109	99	97
ELECTRICAL ENGINEERING	96	99	86	100	95
Electronics and Telecommunication Engineering	96	89	98	97	100
ELECTRONICS ENGINEERING	93	100	95	99	93
INFORMATION TECHNOLOGY	100	97	92	98	96
MASTER IN COMPUTER APPLICATION	98	102	100		
MASTER IN COMPUTER APPLICATION 2 YEAR				100	95
MASTER IN COMPUTER APPLICATION 3 YEAR				100	
MBA				71	93
MECHANICAL ENGINEERING	98	94	107	95	94



https://docs.google.com/spreadsheets/d/19HR5me2dKC6vBNDcoRzYJQvtAI2MJ7Mo/edit?usp=drive_link&ouid=104620522594504000136&rtpof=true&sd=true

Item 21: Start-up cell report for January to October 2023 is available at:

https://drive.google.com/file/d/1zzd8iu2QidsPlUUvK4IQLRNL14W9wsGA/view?usp=drive_link

Item 22: To report about the updated administrative efficiency index for January-June 2023

— The draft of Administrative Efficiency Index (AEI) for January-June 2023 session

https://drive.google.com/file/d/1nTh6UuN1ik-O1-8t46fXi2hsaRiqwwYc/view?usp=drive_link

Item 23: To present the exit survey report of 2023 graduating batch

https://docs.google.com/document/d/1AonNI3ByxzSHecafBlZUNHg1qWBYnii1/edit?usp=drive_link&ouid=104620522594504000136&rtpof=true&sd=true

Item 24: Conduction of Shruti Mahotsav on 5th & 6th August 2023 in collaboration with SPIC MACAY and Ministry of Culture under the "Azadi ka Amrit Mahotsav" celebrations

— SPIC MACAY (**Society for the promotion of Indian classical music and culture amongst youth**) is a voluntary non-profit movement **founded in the year 1977 by Dr. Kiran Seth (Professor- Emeritus at IIT-Delhi**) who was awarded the **"Padma Shri"** for the contribution to the arts in 2009) with the aim to create an awareness and deep-rooted sense of pride in our rich cultural heritage by conducting programmes in educational institutions all over India. It continues its journey by organizing approximately 5000 programs each year with the support from dedicated academicians and students as volunteers.

— **Azadi ka Amrit Mahotsav** is an initiative of the Government of India to celebrate and commemorates 75 years of independence and the glorious history of its people, culture and

achievements. The mahotsav is dedicated to the people of India who have been instrumental in bringing India far in its evolutionary journey. The official journey of Azadi ka Amrit mahostav commenced on 12th March 2021 witch started a 75- week countdown to our 75th anniversary of independence and will end on 15th August 2023.

— **Ministry of culture, Government of india has requested SPICMACAY to organize festivals of Indian classical music and dance and folk art forms across the country under Azadi ka Amrit Mahotsav.** This collaborative celebration of our cultural heritage has been named **"Shruti Amrut" was hosted by MITS in the Colloquium for the students, faculty members and general public on August 5th & August 6th 2023.**

— The Day-1 event was telecast live on youtube at the following link:
https://www.youtube.com/watch?v=OrHq_3l_XNA

— The recording of the second day is available at
https://youtu.be/0PC0x45MaVs
https://youtu.be/hlGjB8vjuuE

The Schedule of the two-day event

Gotipua Dance (Orissa)

Vijay Kumar Sahu & Group

#CulturalProgram: एमआइटीएस में श्रुति अमृत कार्यक्रम में कलाकारों ने बांधा समां

महिलाओं की वेशभूषा में युवाओं ने किया नृत्य, राधा-कृष्ण, जगन्नाथ की मुद्राएं बनाईं

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ग्वालियर, माधव तकनीकी एवं विज्ञान संस्थान का नजारा शनिवार को अलग रहा। तकनीकी संस्थान में इस दिन कव्वाली और नृत्य की अनुपम छटा बिखरी। बाहर से आए कलाकारों ने अपनी प्रस्तुतियों से हर एक का दिल जीता। आजादी के अमृत महोत्सव के अंतर्गत स्मिक मैके की ओर से दो दिवसीय श्रुति अमृत कार्यक्रम का शुभारंभ इस दिन हुआ।

इस मौके पर उड़ीसा से पधारे विजय कुमार साहू एवं उनके समूह ने प्राचीन ओडिसी लोक नृत्य गोटिपुआ प्रस्तुत किया। वहीं रामपुर से पधारे मोहम्मद अहमद वारसी एवं उनके समूह ने कव्वाली की शानदार प्रस्तुति देकर सभी को मंत्र मुग्ध किया।

पंडित उलहास कशालकर का गायन आज

इसी क्रम में रविवार को शाम 6 बजे से डीआर राजन का वादन, रूपक कुलकर्णी का बांसुरी वादन एवं पंडित उलहास कशालकर का गायन होगा।

छाप तिलक सब छीनी...

अब प्रस्तुति थी मोहम्मद अहमद वारसी एवं उनके समूह की। उन्होंने कव्वाली की शानदार प्रस्तुति देकर सभी का मन मोह लिया। शुरुआत अल्ला हो अल्ला हो... से की। इसके बाद उन्होंने भर दे झोली या मोहम्मद... सुनाया। ओडियंस की फरमाइश पर अगली प्रस्तुति उनकी छाप तिलक सब छीनी... सुनाया, जिसे सभी बोहराते नजर आए। एक के बाद एक प्रस्तुतियां देकर कलाकारों ने खूब तालियां बटोरीं।

ओडियंस के लिए आश्चर्य भरा रहा गोटिपुआ नृत्य

गोटिपुआ नृत्य में 12 कलाकारों ने भाग लिया। इन सभी युवाओं ने महिलाओं की वेशभूषा में नृत्य किया, जो सभी के लिए आश्चर्य भरा रहा। इन कलाकारों ने भगवान की मुद्राएं बनाईं। दल के प्रमुख विजय कुमार ने बताया कि यह उड़ीसा का पारम्परिक नृत्य है, जो अधिकतर जगन्नाथ मंदिर में सदियों से युवाओं द्वारा किया जाता है। इसमें युवा महिलाओं के वेश में भगवान श्रीजगन्नाथ और भगवान श्रीकृष्ण की स्तुति करते हैं। इसमें समूह राधा और कृष्ण के जीवन से प्रेरित होकर कलाबाजी दिखाते हैं।

ग्वालियर 06-08-2023

ास्त 2023
कर

मैजिकल क्यूआर
आज पढ़िए...
टॉप ट्रेंडिंग मीम्स...

6

गोटीपुआ से दिखाई ओडिशा की संस्कृति

स्पिक मैके आयोजन

सिटी रिपोर्टर • ग्वालियर | एमआईटीएस में स्पिक मैके के सहयोग से दो दिवसीय कार्यक्रम की शुरुआत हुई। पहले दिन कलाकारों ने गोटीपुआ (ओडिसी नृत्य) और कव्वाली की प्रस्तुति दी। गोटीपुआ की प्रस्तुति ओडिशा के विजय कुमार के निर्देशन में कलाकारों ने ओडिशा की संस्कृति को दिखाया। इसमें गोटी का अर्थ एक और पुआ का अर्थ लड़का होता है। गोटीपुआ पारंपरिक नृत्य शैली है और ओडिसी शास्त्रीय नृत्य का अग्रदूत है। नृत्य के जरिए भगवान जगन्नाथ की स्तुति होती है और यह नृत्य उन्हें ही समर्पित है। वहीं रामपुर के मो.अहमद वारसी और उनके ग्रुप ने कव्वाली पेश की। कार्यक्रम में प्रशांत मेहता, डायरेक्टर डॉ. आरके पंडित मौजूद रहे। संचालन डॉ. मनीष दीक्षित ने किया। इसी क्रम में रविवार को गायन और वादन की प्रस्तुति होगी।

Padma Shri Pandit Ulhas Kashalkar (Vocalist)

{Awarded by the Sangeet Natak Akademi}

&

Roopak Kulkarni (Flute)

सुरों से सराबोर हुआ एमआइटीएस, विश्वविख्यात कलाकारों के गायन-वादन ने दिलों तक दी दस्तक

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स्पिक मैके की ओर से संगीतमय कार्यक्रम की प्रस्तुति ने किया मंत्रमुग्ध

ग्वालियर. एमआइटीएस में रविवार की शाम यादगार बन गई। विश्वप्रख्यात पद्मभूषण और पद्मश्री कलाकारों ने जैसे ही मंच संभाला, उनके गायन और वादन की प्रस्तुति में मानो पूरा वातावरण ऊर्जावान हो गया। बांसुरी और वायलिन से निकली धुन ने माहौल में तरन्नुम बिखेरा तो गायन से सुरों की बौछारों ने उपस्थित लोगों को मंत्र मुग्ध कर दिया। मौका था स्पिक मैके की ओर से आयोजित दो दिवसीय संगीतमय कार्यक्रम का, जिसमें पद्मभूषण और साहित्य अकादमी से पुरस्कृत डॉ एन राजम ने वायलिन वादन, पद्मश्री व साहित्य कला अकादमी से पुरस्कृत पं उल्हास कशालकर ने शास्त्रीय गायन और पं. रूपक कुलकर्णी का बांसुरी वादन हुआ। यह कार्यक्रम आजादी के अमृत महोत्सव के अंतर्गत संपन्न हुआ।

ये रहे उपस्थित

कार्यक्रम में विभिन्न विद्यालयों के छात्र-छात्राएं भी शामिल हुईं। इस मौके पर पूर्व विधायक रमेश अग्रवाल, आशा अग्रवाल, आइएएस मीनाक्षी शर्मा, एमआइटीएस के निदेशक आरके पंडित, रश्मी मलिक, डीन एकेडेमिक्स मंजरी पंडित, स्पिक मैके समन्वयक मनीष दीक्षित, अंशु चतुर्वेदी उपस्थित रहे।

श्रुति अमृत कार्यक्रम का समापन...कई स्कूल के छात्र हुए शामिल

पद्मश्री पंडित उल्हास कशालकर और पंडित रूपक कुलकर्णी बांसुरी वादन करते हुए।

ग्वालियर घराने के राग से की शुरुआत

कार्यक्रम की शुरुआत बांसुरी वादक पं. रूपक कुलकर्णी ने की। राग देश में वादन कार्यप्रिय रहा, जिसे सभी ने खूब सराहा। सुरों के उतार चढ़ाव का उन्होंने बखूबी ध्यान रखा। तबले के साथ उनकी जुगलबंदी के कायल सभी हुए। तबले पर संगत सिलसिला झा ने दी। इसके बाद पंडित उल्हास कशालकर ने शास्त्रीय गायन मनोरम प्रस्तुति दी। उन्होंने ग्वालियर घराने के राग की मुख्य बंदिशों को सुनाया। उन्होंने शुरुआत तिलवाड़ा से की। उनकी गायन शैली सभी के दिलों को छू गई। अंत में प्रस्तुति श्री डॉ एन राजम की उन्होंने वायलिन से निकली धुनों से सभी को देर रात तक बांधे रखा।

Padm Bhooshan Dr. N. Rajam with her Granddaughter Ragini

(Violin Maestro)

दैनिक भास्कर ग्वालियर 07-08-2023

मंच पर दादी और पोती का वायलिन वादन
पं. कशालकर ने पेश की घरानेदार गायकी

संगीत कार्यक्रम

Item 25: Glimpses of media coverage during July-September 2023

#engineersday बीटेक फोर्थ ईयर के छात्रों का नवाचार

इंजीनियर्स ने 1 साल में बनाए पांच सॉफ्टवेयर, कॉलेज में हो रहे उपयोग

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ग्वालियर. देश के विकास में इंजीनियर्स का बहुत बड़ा योगदान रहा है। यह क्रम आज भी जारी है। युवावस्था में ही इंजीनियर ऐसी तकनीक डवलप कर रहे हैं, जिससे सुविधाएं बढ़ सकें और लाइफ आसान हो सके। एमआइटीएस के इन आठ छात्रों ने पढ़ाई के दौरान ही पांच सॉफ्टवेयर डवलप किए, जो आज संस्थान में उपयोग हो रहे हैं। इनकी मदद से कॉलेज प्रबंधन, छात्र और फैकल्टी को सुविधा हुई है। ये सभी छात्र बीटेक फोर्थ ईयर में अध्ययनरत हैं। उनके इस सॉफ्टवेयर की डिमांड बाहर भी है।

लाइब्रेरी अब फोन पर

लाइब्रेरी मैनेजमेंट सिस्टम : इसे छात्र नवीन मित्तल ने तैयार किया है। इसकी मदद से पूरी लाइब्रेरी आपके फोन पर अवेलेबल है। बुक का स्टेटस, लाइब्रेरी में बुक जमा करने का स्टेटस, लाइब्रेरी में बुक अवेलेबिलिटी आदि देख सकते हैं। इसके साथ ही यदि छात्र का आई कार्ड खोता है तो वह अपने बारकोड से बुक इश्यू करा सकता है।

पांच मिनट में सिटिंग

एग्जाम सिटिंग अरेंजमेंट सिस्टम : इस सिस्टम को छात्र नवीन मित्तल, निशांक शाक्यवर, ऋषभ नायक ने तैयार किया है। इसकी मदद से एग्जाम में छात्रों के बैठने का अरेंजमेंट 5 मिनट का अंदर हो जाता है। इसमें अलग-अलग सब्जेक्ट के हिसाब से छात्रों की सिटिंग होती है। सारी रिपोर्ट इसी सॉफ्टवेयर से जनरेट होती हैं।

इस सॉफ्टवेयर से एनालिसिस संभव

एनईसी रजिस्ट्रेशन पोर्टल : इस सॉफ्टवेयर को छात्र अमित राजावत, अनुराग दुबे और ऋषभ नायक ने तैयार किया है। नॉबेल इंगेजिंग कोर्स (एनईसी) के रजिस्ट्रेशन अभी गूगल फॉर्म पर होते थे, जिससे एनालिसिस में परेशानी होती थी। इस पर इन्होंने सॉफ्टवेयर तैयार किया, जिससे रजिस्ट्रेशन, कोर्स एसाइनमेंट, ऑटोमैटिक कोर्स लॉक और एनालिसिस संभव हो सका। इससे काफी सहूलियत हो गई।

हैक नहीं हो सकेगा अब

नेट ऑथ सॉफ्टवेयर : इस सॉफ्टवेयर को छात्र संस्कार गुप्ता, अमन द्विवेदी ने तैयार किया है। इसकी मदद से बाहर का कोई भी व्यक्ति हाई स्पीड नेटवर्क को एक्सेस नहीं कर सकता। फैकल्टी और छात्रों को यूजर आइडी दिया गया है, वे ही उसे एक्सेस कर सकते हैं। इस सिस्टम को कोई हैक भी नहीं कर सकता। पहले इतनी सिक्योरिटी नहीं थी।

सीएलसी सॉफ्टवेयर : इसे छात्र नवीन मित्तल और भरत शर्मा ने तैयार किया है। इसका फायदा यह रहा कि कॉलेज लेवल काउंसलिंग (सीएलसी) में छात्र को सीट कैप्चर करने से लेकर कॉलेज आने तक काफी समय खराब करना होता था। लेकिन इस सॉफ्टवेयर की मदद से समय की काफी बचत हो रही है।

एमआइटीएस के छात्रों का शैक्षणिक भ्रमण

ट्रांसमिशन सिस्टम में ग्राउंड वायर की जगह ऑप्टिकल फाइबर का उपयोग

पत्रिका प्लस @ ग्वालियर . एमआइटीएस के विद्युत अभियांत्रिकी विभाग की ओर से सिथौली स्थित पावर ट्रांसमिशन कॉर्पोरेशन लिमिटेड के सब स्टेशन का भ्रमण स्टूडेंट्स ने डॉ. शिशिर दीक्षित एवं निखिल पालीवाल के मार्गदर्शन में किया। इंजीनियर संजय निगड़ीकर एवं सहायक इंजीनियर राजेश अरोड़ा ने सब स्टेशन के बारे में बताया। इस ट्रिप में अधिकारियों ने बताया कि ट्रांसमिशन सिस्टम में ग्राउंड वायर की जगह ऑप्टिकल फाइबर का उपयोग किया जाता है। 160 एमवी ट्रांसफार्मर संचरण सिस्टम में लगातार मॉनीटरिंग एवं किसी भी तरह के फाल्ट के दौरान उसे स्वयं ठीक करके अनवरत सप्लाई देना सुनिश्चित करता है। इस दौरान 60 छात्र-छात्राएं उपस्थित रहे

आधुनिक उपकरण के बारे में जाना

छात्रों ने कहा कि औद्योगिक दौरे में हमें सब स्टेशन के इरेक्शन, चार्ज, नियमित संचालन, कामकाज और रखरखाव संचालन सहित विभिन्न नई चीजें सिखने को मिली। आधुनिक उपकरण वैक्यूम सर्किट ब्रेकर, एस 6 सर्किट ब्रेकर आदि के बारें में भी जानकारी मिली।

छात्रों ने किया विद्युत सब स्टेशन का भ्रमण, जाना फॉल्ट ठीक करना

एजुकेशन रिपोर्टर | ग्वालियर

माधव इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड साइंस के इलेक्ट्रिकल विभाग के विद्यार्थियों ने सिथौली स्थित 220 किलोवोल्ट विद्युत सबस्टेशन, पावर ट्रांसमिशन कॉर्पोरेशन लिमिटेड में इंडस्ट्रियल ट्रिप के दौरान भ्रमण किया। इस दौरान विद्यार्थियों ने इंजीनियरों से जाना कि फॉल्ट के दौरान इसे ठीक कर किस तरह बिजली सप्लाई अनवरत जारी रखते हैं? साथ ही फॉल्ट की पहचान किस तरह से करते हैं? औद्योगिक यात्रा का आयोजन इलेक्ट्रिकल विभाग के प्रोफेसर डॉक्टर शिशिर दीक्षित ने किया। संस्थान के जनसंपर्क अधिकारी मुकेश मौर्य ने बताया कि 220 किलोवाट सब-स्टेशन के इंजीनियर संजय निगड़ीकर व राजेश अरोड़ा सहायक इंजीनियर ने छात्रों को गाइड किया और सब-स्टेशन की कार्यप्रणाली के मामले में विस्तार से जानकारी दी। इस इंडस्ट्रियल ट्रिप में 60 से अधिक छात्र-छात्राएं शामिल थे। इस दौरे में छात्रों को 220 किलो वोल्ट सब-स्टेशन के इरेक्शन, चार्ज, नियमित संचालन, कामकाज और रखरखाव संचालन सहित कई नई चीजें सीखने को मिली हैं। छात्रों को अति आधुनिक उपकरण जैसे की वैक्यूम सर्किट ब्रेकर आदि के बारे में भी जानकारी दी गई।एचओडी सुलोचना वाधवानी ने छात्रों को नई तकनीक के बारे में जानकारी दी।

हर क्षेत्र में शिवराज की टीम,मध्यप्रदेश की प्रशंसा करता है

तकनीकी के छात्रों ने बताया मातृ भाषा हिन्दी का महत्व

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ग्वालियर। माधव तकनीकी एवं विज्ञान संस्थान ग्वालियर में राष्ट्रीय हिन्दी दिवस के अवसर पर महाविद्यालय के हिन्दी समिति द्वारा हिन्दी दिवस एवं अभियंता दिवस इस विषय वस्तु पर आज तात्कालिक भाषण प्रतियोगिता का आयोजन किया गया। हिंदी एवं हिंदी साहित्य के साथ.साथ अभियांत्रिकी से जुड़े हुए विभिन्न विषयों पर विद्यार्थियों द्वारा अपने विचार प्रस्तुत किए गए,साथ ही वक्ताओं ने ना केवल हिंदी की महत्वता एवं प्रमाणिकता का संदेश दिया बल्कि हमारे जीवन में घटती हुई मातृभाषा की अहमियत पर भी लोगों से विचार करने का आग्रह किया । माही शुक्लाए प्रियांशी मिश्रा एवं कवि कुमार विजेता रहे तथा नगद पुरस्कार से सम्मानित भी किया गया। कार्यक्रम में गणित एवं संगठन विभाग प्रमुख डॉए विकास शिंदेए प्रोए डीके जैनए डॉए चंद्रशेखर मालवीएए डॉए सुनीता शर्माए प्रोए विशाल चौधरी एवं हिंदी समिति समन्वयक अंगद सिंह ओझा सहित हिंदी समिति के अध्यक्ष पुष्पेंद्र सिंह गुर्जरए उपाध्यक्ष कीर्तनए सचिव रुद्राक्षए कार्यक्रम संयोजक खेड़ा व शांभवी एवं बड़ी संख्या में प्रतिभागी एवं श्रोतागण उपस्थित रहे।

एमआइटीएस में प्रवर्तन कार्यक्रम

डांस और म्यूजिक क्लब ने दीं रंगारंग प्रस्तुतियां

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ग्वालियर . माधव प्रौद्योगिकी एवं विज्ञान संस्थान ग्वालियर में नव प्रवेशित छात्रों के लिए इंडक्शन प्रोग्राम का समापन हुआ। कार्यक्रम में प्रशांत मेहता एवं विशिष्ट अतिथि पूर्व विधायक रमेश अग्रवाल उपस्थित रहे।

संस्थान के निदेशक डॉ आरके पंडित, डीन एकेडमिक्स डॉ मंजरी पंडित, डीन स्टूडेंट वेलफेयर डॉ राजीव कंसल ने पाठ्यक्रम, परीक्षा प्रणाली और अनुशासन के बारे में बताया। नव प्रवेशित छात्रों के मनोरंजन के लिए हिंदी समिति, डांस क्लब और म्यूजिक क्लब द्वारा सांस्कृतिक कार्यक्रमों की रंगारंग प्रस्तुतियां दी गईं। गर्ल्स ग्रिएवंस सेल, टीएनपी सेल, स्टार्टअप सेल के बारे में जानकारी दी गई, जिसके पश्चात टेक हंट क्विज आयोजित की गई। प्रांगण में क्लब कार्निवाल का आयोजन किया गया, जिसमें क्लबों द्वारा अपने पंडाल लगाकर नव प्रवेशित छात्रों को अपने क्लब के बारे में जानकारी दी गई। कार्यक्रम के समन्वयक डॉ अंशु चतुर्वेदी रहे।

पत्रिका

एमआइटीएस में इंडक्शन प्रोग्राम

जीवन में हमेशा सीखने की चाह रखें स्टूडेंट्स

ग्वालियर @ पत्रिका. एमआइटीएस में प्रवेशित छात्रों का इंडक्शन कार्यक्रम सोमवार को हुआ। इस अवसर पर मुख्य अतिथि के रूप में सीनियर आईएएस चीओजी सदस्य प्रशांत मेहता एवं विशिष्ट अतिथि पूर्व विधायक रमेश अग्रवाल, डायरेक्टर आरके पंडित, संस्थान से डीन एकेडमिक्स मंजरी पंडित, डीन स्टूडेंट वेलफेयर राजीव कंसल उपस्थित रहे। डॉ. राजीव कंसल ने विद्यार्थियों को कॉलेज के विजन, क्लब्स एवं पूर्व छात्रों से अवगत करवाया। डॉ. मंजरी ने प्रौद्योगिकी के उद्देश्य का परिचय देते

हुए समाजिक समस्याओं को दूर करने के लिए प्रेरित किया तथा जीवन में सदैव सीखते रहने की सीख दी। संस्थान के डायरेक्टर डॉ. पंडित ने छात्रों को कॉलेज की गणतांत्रिक व्यवस्था और उनकी प्रतिक्रियाओं का महत्व समझाया।

कविता से बताया कर्म और ज्ञान का महत्व : कम्प्यूटर साइंस विभाग के विभागाध्यक्ष डॉ. मनीष दीक्षित ने कविता के माध्यम से कर्म और ज्ञान का महत्व समझाया। इसके बाद डॉ अखिलेश तिवारी ने पाठ्यक्रम का परिचय दिया। डॉ पीके सिंघल ने परीक्षाओं के महत्वपूर्ण बिंदुओं को साझा किया। डॉ आरएस जादौन ने अनुशासित जीवन का आदर्श प्रस्तुत किया।

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Meeting ended with the thanks to chair.

Dr. Pratesh Jayaswal)
Coordinator IQAC
Date: 04.10.2023

(Dr. R. K. Pandit)
DIRECTOR